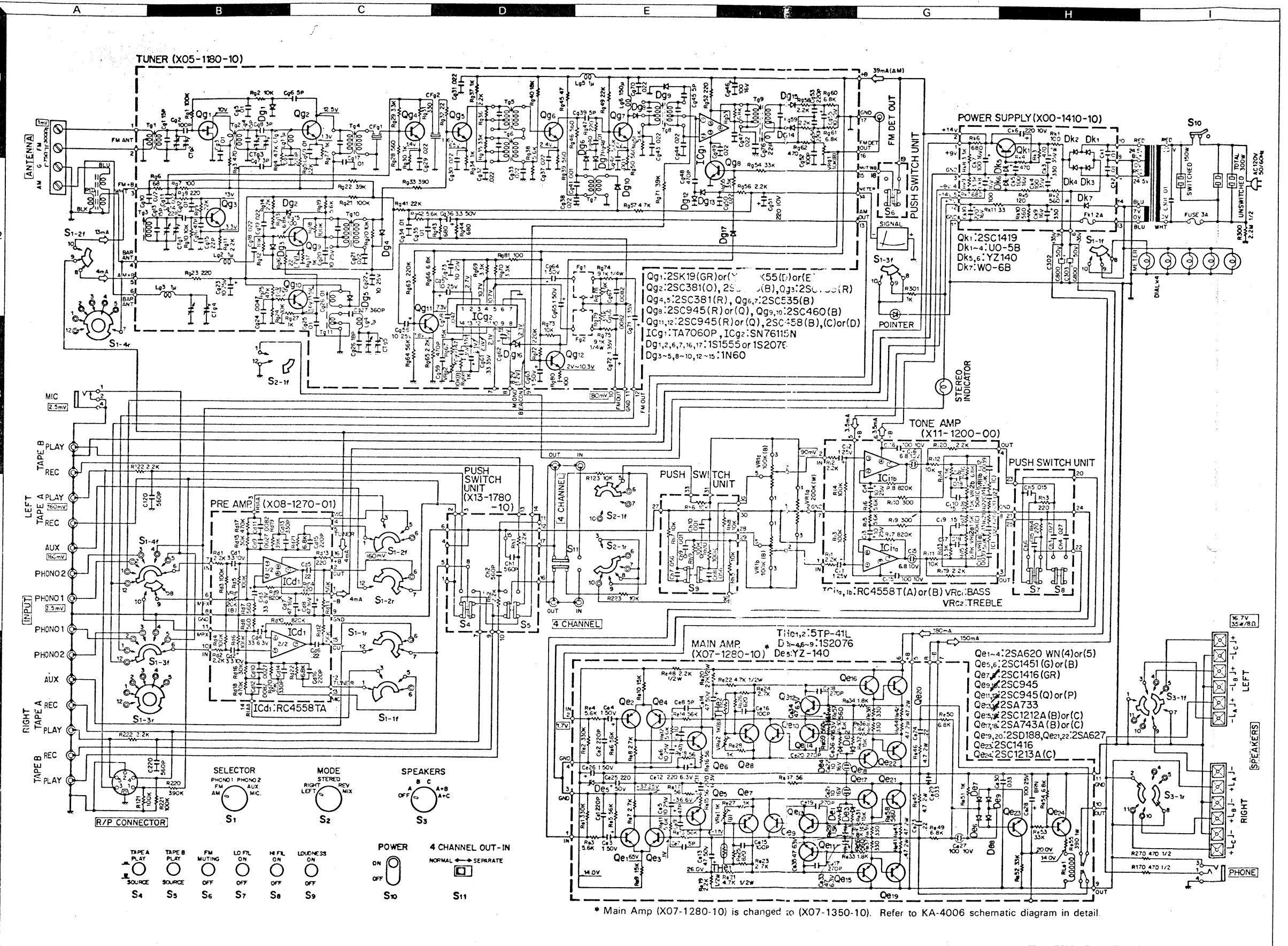


KENWOOD

KR5400

MODEL

SERVICE MANUAL



SPECIFICATIONS

FM TUNER SECTION

Frequency Range	88 MHz to 108 MHz 87.5 MHz to 108 MHz (FTZ Approved)
Usable Sensitivity (IHF)	1.9 μ V
Quieting Slope	5 μ V 48 dB, 10 μ V 60 dB, 50 μ V 68 dB
Frequency Response	20 Hz ~ 15,000 Hz \pm 1.5 dB
Harmonic Distortion	0.3% Mono (at 400 Hz 100% modulation) 0.5% Stereo (at 400 Hz 100% modulation)
Signal to Noise Ratio	68 dB at 1 mV input
Image Rejection	70 dB
Selectivity (IHF ALT channel)	65 dB
IF Rejection	90 dB
Spurious Signal Rejection	90 dB
AM Suppression	70 dB
Stereo Separation	1.5 dB
Sub Carrier Suppression	35 dB at 1,000 Hz
Antenna Impedance	27 dB at 10,000 Hz
	60 dB
	300 ohms balanced & 75 ohms unbalanced

AM TUNER SECTION

Usable Sensitivity (IHF)	18 μ V
Signal to Noise Ratio	45 dB at 1 mV input
Image Rejection	60 dB
Selectivity (IHF)	30 dB
IF Rejection	40 dB
Antenna	Built-in ferrite bar antenna, External antenna terminals

MAIN-AMPLIFIER SECTION

RMS Power Output	Both channels driven
Dynamic Power Output	35 Watts x 2 into 8 ohms at 20 Hz ~ 20,000 Hz
Total Harmonic Distortion	37 Watts x 2 into 8 ohms at 1,000 Hz
Intermodulation Distortion	47 Watts x 2 into 4 ohms at 1,000 Hz
(60 Hz : 7KHz = 4 : 1)	115 Watts into 8 ohms
Power Bandwidth	150 Watts into 4 ohms
Signal to Noise Ratio at 50 mW	0.5% at rated power into 8 ohms
Damping Factor	0.07% at 1/2 rated power into 8 ohms
Speaker Impedance	0.07% at rated power into 8 ohms
	0.05% at 1/2 rated power into 8 ohms
	10 Hz ~ 30,000 Hz
	55 dB
	50 at 8 ohms
	Accept 4 ohms to 16 ohms

PRE-AMPLIFIER SECTION

Input Sensitivity and Impedance	2.5 mV, 50 Kohms
Phone 1	2.5 mV, 50 Kohms
Phone 2	150 mV, 80 Kohms
Aux	150 mV, 80 Kohms
Tape Play A, B	2.5 mV, 50 Kohms
Mic	Maximum Input Voltage (rms)
Phone 1, 2	Phone 1, 2
Signal to Noise Ratio (IHF A curve)	2.5 mV, 50 Kohms
Phone 1, 2	120 mV, T.H.D. 0.5% at 1,000 Hz
Aux	70 dB
Tape Play A, B	90 dB
Mic	90 dB
Output Voltage and Impedance	65 dB
Tape Rec. A, B (pin)	150 mV, 100 ohms
(Din connector)	30 mV, 80 Kohms
4ch. out	150 mV
Frequency Response	RIAA Standard curve \pm 1 dB
Phone 1, 2	10 Hz ~ 40,000 Hz \pm 1 dB
Aux, Tape Play	\pm 10 dB at 100 Hz
Tone Controls	\pm 10 dB at 10,000 Hz
Bass	\pm 8 dB at 100 Hz
Treble	\pm 8 dB at 10,000 Hz
Loudness Control (-30 dB)	\pm 5 dB at 10,000 Hz
Low Filter 100 Hz	\pm 8 dB
High Filter 10,000 Hz	\pm 10 dB

GENERAL

Switches	OFF, A, B, C, A + B, A + C
Speaker Selector	AM-FM-PHONO 1-PHONO 2-AUX-MIC
Input Selector	LEFT-RIGHT-STEREO-REV-NIX
Mode	A (ON-SOURCE), B (ON SOURCE)
Tape Monitor	LOW FILTER, HIGH FILTER, FM/AM TING,
Others	LOUDNESS, MIC jack, PHONES jack
AC Outlet	Switched 1, Unswitched 2
Power Consumption	240 Watts at full power
Dimension	30 Watts at no signal
	W18-15/16" (480 mm), H5-15/16" (151 mm)
	D13-9/16" (344 mm)
Weight	25.4 lbs. (11.5 Kg)